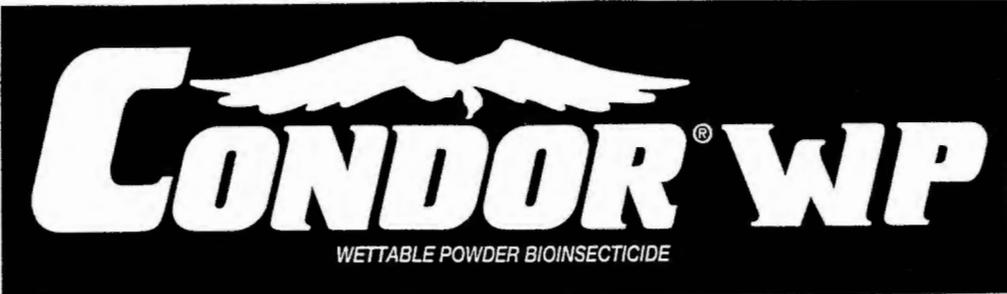


55638-12

ACCEPTED

FEB 26 1999
FEB 26 1999
of the Federal Insecticide,
Fungicide, and Rodenticide Act.
55638-12



Condor® wettable powder bioinsecticide is a biological insecticide for the control of lepidopteran pests.

Active Ingredient:

Bacillus thuringiensis subspecies *kurstaki* strain EG2348
Lepidopteran active toxin 15.0%

Inert Ingredients 85.0%

TOTAL 100.0%

2.4 oz. active ingredient per pound.
Potency: 32,000 International Units per milligram of product or 14.5 billion International Units per pound of product. Potency units should not be used to adjust use rates beyond those specified in the DIRECTIONS FOR USE section.

KEEP OUT OF REACH OF CHILDREN

CAUTION

STATEMENT OF PRACTICAL TREATMENT

If Swallowed: Call a physician or Poison Control Center. Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger. Do not induce vomiting or give anything by mouth to an unconscious person.

If Inhaled: Remove to fresh air. Get medical attention.

If In Eyes: Flush with plenty of water. Call a physician if irritation persists.

If On Skin: Wash with soap and water.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

Harmful if inhaled. Avoid breathing dust or spray mist. Harmful if swallowed. Causes eye irritation. Avoid contact with skin, eyes or clothing. In case of contact, immediately flush eyes or skin with plenty of water. Get medical attention if irritation persists.

Personal Protective Equipment (PPE):

Applicators and other handlers must wear:

- Long sleeved shirt and long pants
- Shoes plus socks

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

User Safety Recommendations
User should wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.

ENVIRONMENTAL HAZARDS
Do not contaminate water when disposing of equipment washwaters.

STORAGE AND DISPOSAL
Do not contaminate water, food or feed by storage or disposal.

Storage: Store in a cool, dry place inaccessible to children.

Pesticide Disposal: Do not contaminate water when disposing of equipment washwaters. Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

Container Disposal: Completely empty bag into application equipment. Then dispose of empty bag in a sanitary landfill, or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR Part 170. This standard contains requirements for the protection of agricultural workers on farms, forests, nurseries and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE) and restricted-entry intervals. The requirements in this section only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted-entry interval (REI) of 4 hours.

PPE required for early entry into treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water, is: coveralls, waterproof gloves, shoes plus socks.



Ecogen Inc.
2005 Cabot Blvd. West, P.O. Box 3023, Langhorne, PA 19047-3023
215/757-1590 or 800/220-2135
www.ecogeninc.com

EPA REG. No. 55638-12
EPA EST. No. 5905-GA-01(12)
(Subscript refers to last 2 digits of lot number on container.)
Net Contents: 5 U.S. Pound Bag

SPECIMEN LABEL

NON-AGRICULTURAL USE REQUIREMENTS

The requirements in this box apply to uses of this product that are NOT within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries, or greenhouses.

Do not enter treated areas without protective clothing until sprays have dried.

Preharvest Interval: CONDOR WP may be applied to the crops listed in the APPLICATION RATE TABLE at any time, up to and on the day of harvest.

Mode of Action: After consuming a lethal dose of CONDOR WP, larvae will cease to feed, but may remain alive on foliage for several days before disappearing. Immediately after ingestion of CONDOR WP, larvae begin to move slowly, become discolored, shrivel and blacken prior to death.

MIXING INSTRUCTIONS

CONDOR WP may be applied with conventional ground, aerial or hand held application equipment with quantities of water sufficient to provide thorough coverage of infested plants. Do not apply this product through any type of irrigation system. To obtain a suitable mixture with water, add enough water to allow maximum agitation. With agitator running, slowly add in the CONDOR WP. Continue agitation. Add remainder of water and other spray materials and agitate until mixed. Maintain suspension while loading and spraying. Do not mix more CONDOR WP than can be used in a 12-hour period. Rinse and flush spray equipment thoroughly following each use. Do not contaminate water when disposing of equipment washwaters.

In order to make proper decisions on application rates to be used, follow the recommendations in the APPLICATION RATE TABLE and these guidelines:

APPLICATION GUIDELINES

Pest category	Pest Pressure (number of larvae/plant)			
	Low ¹ (<0.3)	Moderate ² (0.3-1.0)	High ³ (1.0-5.0)	Extreme ⁴ (>5.0)
Pounds of Product to be Applied per Acre				
Category 1	1.5	2.0	2.0	2.0
Category 2	1.0	1.5	2.0	2.0
Category 3	0.5	1.0	1.5	2.0

¹Recommended spray interval of 7-10 days.

²Recommended spray interval of 6-8 days.

³Recommended spray interval of 4-6 days.

⁴Recommended spray interval of 3-5 days.

Category 1 Pests include: artichoke plume moth, navel orangeworm, oriental fruit moth, tomato fruitworm (also called bollworm and corn earworm), tufted apple budmoth.

Category 2 Pests include: Amorbia, armyworms, cabbage looper, citrus cutworm, diamondback moth, leafrollers, melonworm, peach twig borer, pickleworm, soybean looper, tomato pinworm, tobacco budworm and tortrix moth.

Category 3 Pests include: all caterpillar pests shown in the APPLICATION RATE TABLE, except those shown in Categories 1 and 2.

For crops such as Fruits, Nuts and Vines, applications are often timed to stage of development and recommendations from local Extension personnel should always be followed.

APPLICATION INSTRUCTIONS

CONDOR WP is a selective insecticide for use against the lepidopteran larvae listed in the APPLICATION RATE TABLE. Larvae must consume deposits of CONDOR WP to be affected. Always follow these directions:

- Make applications when larvae are still small (early instars) and actively feeding on foliage or other plant parts.
- Make applications before noticeable foliar damage occurs.
- Thorough spray coverage is essential for good insect control. For ground applications, directed drop nozzles should be used for certain vegetable crops.
- When insect infestations are heavy, use the higher label rates, shorten the spray interval, and/or use larger total spray volume to improve spray coverage (see APPLICATION GUIDELINES for selection of rates and intervals).
- Applications should be repeated at an interval sufficient to maintain control, depending upon plant growth, insect pressure and weather conditions after spraying. (Refer to APPLICATION GUIDELINES.)
- For ground applications, use a minimum spray volume of 20 gallons per acre. For aerial applications, use a minimum spray volume of 5 gallons per acre.
- For orchard applications, a spray volume of 100 gallons per acre and treatment of each row is recommended.
- Do not use screens smaller than 50 mesh.
- Local conditions may affect the use of CONDOR WP. Consult your State Agricultural Extension Specialist for specific recommendations related to local crop protection problems.
- Spray water/spray tank solutions should not exceed pH 8.0. If necessary, buffer water to near neutral pH.

HAND-HELD EQUIPMENT

When using hand-held equipment, mix 3 teaspoons per gallon of water or 1 1/2 pounds per 100 gallons of spray solution. Spray to wet, but not to runoff.

TANK-MIX

Combinations of CONDOR WP with commonly used insecticides, fungicides, or other spray tank adjuvants are generally not deleterious to performance. It is advisable to test physical compatibility by mixing all components in a small container in proportionate quantities prior to mixing in spray tank. This product cannot be mixed with any product containing a label prohibition against such mixing. No label dosage rate should be exceeded. Application must be made in accordance with the more restrictive of label limitations and precautions.

- For improved durability of spray deposits, an approved spreader/sticker is strongly recommended for hard-to-wet crops such as cole crops.

APPLICATION RATE TABLE

I. VEGETABLES & COLE CROPS (Fresh and Processed)

Crop such as:	Insect Pest
Artichokes	Malanga
Arugala	Melons
Asparagus	(Cantaloupe,
Beans	Crenshaw,
Beets	Honeydew,
Bok Choy	Muskmelon,
Broccoli	Watermelon,
Brussels sprouts	etc.)
Cabbage	Napa
Cardoni	Okra
Carrots	Onions
Cauliflower	Parsley
Celeriac	Parsnips
Celery	Peas
Chick peas	Peppers
Chicory	Potatoes
Chinese cabbage	Pumpkins
Collards	Radishes
Cucumber	Rutabaga
Cucurbits	Salsify
Dry bulb onions	Shallots
Eggplants	Soybean foliage
Escarole	Spinach
Endive	Squash
Garlic	Sugar beets
Green onions	Sweet potatoes
Greens (Beets,	Swiss chard
China, Dandelion, Mustard,	Tomatoes
Turnip)	Turnips
Horseradish	Watercress
Kale	
Kohlrabi	
Leeks	
Lentils	
Lettuce (Head,	
Leaf, Romaine)	

Rate/Acre: 0.5 - 2.0 pounds

II. HERBS & SPICES

Crop such as:	Insect Pest
Basil	Armyworms
Chives	Diamondback moth
Cilantro	European corn borer
Dill	Green cloverworm
Oregano	Imported cabbageworm
Peppermint	Loopers
Thyme	Saltmarsh caterpillar

Rate/Acre: 0.5 - 2.0 pounds

III. PASTURE & HAY CROPS

Crop such as:	Insect Pest
Alfalfa (hay and seed)	Alfalfa caterpillar
Pasture (grasses and hay)	Armyworms*
Silage	European skipper
	Loopers*
	Webworm

Rate/Acre: 0.5 - 2.0 pounds

*Product should be applied when early instar larvae first appear. If infestation persists, make a second application 7-10 days later. Combination of CONDOR with a contact insecticide is recommended for control of 4th and 5th instar larvae.

IV. FRUIT, NUT & VINE CROPS

Crop such as:	Insect Pest	Rate/Acre
Pome and Stone Fruit Trees: Apples Apricots Cherries Nectarines Peaches Plums Prunes Quince	Cankerworm (Spring and Fall) Eastern tent caterpillar Fall webworm Fruittree leafroller Gypsy moth Navel orangeworm Omnivorous leafroller Oriental fruit moth Pandemis leafroller Peach twig borer Redbanded leafroller Redhumped caterpillar Tortrix moth (Orange and Garden) Tufted apple budmoth Variegated leafroller Walnut caterpillar	0.5 - 2.0 pounds
Nut Trees: Almonds Chestnuts Filberts Pecans Walnuts	Citrus cutworm Filbert leafroller Filbert webworm Navel orangeworm Oblique banded leafroller Peach twig borer Roughskinned cutworm	0.5 - 2.0 pounds
Citrus	Amorbia Citrus cutworm Fruittree leafroller Orangedog	0.5 - 2.0 pounds
Small Fruit and Berries: Blackberries Blueberries Blueberries Cranberries Currants Raspberries Strawberries	Achema sphinx moth Armyworms Blueberry leafroller Fruittree leafroller Grape berry moth Gypsy moth Loopers Oblique banded leafroller Tobacco budworm	0.5 - 2.0 pounds
Grapes	Grape berry moth Cherry fruitworm Grape leafroller Grapeleaf skeletonizer Green fruitworm Omnivorous leafroller Orange tortrix Saltmarsh caterpillar	0.5 - 2.0 pounds
Tropical and Other Fruit: Avocados	Amorbia Loopers Orange tortrix Omnivorous leafroller Omnivorous looper Spanworm	0.5 - 2.0 pounds
Bananas	Banana skipper	0.5 - 2.0 pounds
Kiwi	Omnivorous leafroller	0.5 - 2.0 pounds
Persimmons Pomegranate	Citrus cutworm Fall webworm Filbert webworm Omnivorous leafroller Redhumped caterpillar Tent caterpillar	0.5 - 2.0 pounds
Pineapple	Gummosos-Batrachedra comosae Thecla-Thecla basilides	0.5 - 2.0 pounds
Tropical fruits	Hornworms Leafrollers Loopers Omnivorous leafroller	0.5 - 2.0 pounds

V. FIELD CROPS

Crop such as:	Insect Pest	Rate/Acre
Canola/Rape Seed Evening Primrose	Armyworms Diamondback moth imported cabbageworm Loopers	0.5 - 2.0 pounds
Corn (Field, Sweet, Popcorn)	Armyworms European corn borer Southwestern corn borer	0.5 - 2.0 pounds
Cotton*	Beet armyworm Bollworm Cabbage looper Cotton leaf perforator Saltmarsh caterpillar Tobacco budworm	0.5 - 2.0 pounds
Hops	Armyworms Loopers Oblique banded leafroller Omnivorous leaf-tier Spotted cutworm	0.5 - 2.0 pounds
Joboba	Looper (<i>Anacamp- todes spp.</i>)	0.5 - 2.0 pounds
Peanuts	Green cloverworm Loopers Podworms Velvetbean caterpillar	0.5 - 2.0 pounds
Rice	Armyworms Green cloverworm Loopers Saltmarsh caterpillar Velvetbean caterpillar	0.5 - 2.0 pounds
Safflower	Armyworms Loopers Saltmarsh caterpillar	0.5 - 2.0 pounds
Small Grains (Barley, Oats, Rye, Wheat, etc.)	Armyworms Loopers	0.5 - 2.0 pounds
Sorghum	European corn borer Saltmarsh caterpillar Velvetbean caterpillar	0.5 - 2.0 pounds
Soybeans	Green cloverworm Soybean looper Velvetbean caterpillar	0.5 - 2.0 pounds
Sunflowers	Banded sunflower moth Beet armyworm Headmoth Loopers Sunflower moth	0.5 - 2.0 pounds
Tobacco	Tobacco budworm Tobacco hornworm Loopers	0.5 - 2.0 pounds

*Use CONDOR to control light to moderate populations of newly hatched worms in integrated pest management programs. Repeat treatments at four to five day intervals or as long as necessary until results are acceptable. For control of cotton bollworm and tobacco budworm, ovicides or synthetic pyrethroids can be combined with CONDOR in accordance with the more restrictive of label limitations and precautions. No label dosage rates should be exceeded. This product cannot be mixed with any product containing a label prohibition against such mixing.

VI. COMMERCIAL FLOWERS & ORNAMENTAL PLANTS

Crop such as:	Insect Pest
Bedding plants Flowers Greenhouse Ornamentals Vegetables	Armyworms Azalea moth Diamondback moth Elo moth (Hornworm) lo moth Loopers Oleander moth Omnivorous leafroller Omnivorous looper Tobacco budworm

Rate/Acre: 0.5 - 2.0 pounds

VII. FOREST, SHADE TREE & NURSERY STOCK

Crop such as:	Insect Pest
Forest Shade trees Nursery trees	Bagworm Blackheaded budworm Browntail moth California oakworm Cankerworm (Spring and Fall) Douglas fir tussock moth Elm spanworm Fall webworm Fruittree leafroller Greenstriped mapleworm Gypsy moth Jack pine budworm Mimosa webworm Pine butterfly Redhumped caterpillar Saddleback caterpillar Saddle prominent caterpillar Spruce budworm Tent caterpillar Tortrix Western tussock moth

Rate/Acre: 0.5 - 2.0 pounds

VIII. TURF

Crop such as:	Insect Pest
Turf	Armyworms Sod webworm Tropical sod webworm

Rate/Acre: 0.5 - 2.0 pounds

WARRANTY AND CONDITIONS OF SALE

Ecogen warrants that this product conforms to the description on this label and is reasonably fit for the purposes stated on this label when used in accordance with the directions on this label under normal conditions of use.

ECOGEN MAKES NO WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS STATED ABOVE.

If this product is defective, Buyer's exclusive remedy shall be the replacement of the product, or if replacement is impracticable, refund of the purchase price. In no case will Ecogen be liable for incidental, consequential or special damages resulting from the handling, storage or use of this product.

Condor is a trademark of Ecogen Inc.

U.S. Patent No. 5,080,897

Vers. 1/99 · Copyright ©1999 Ecogen Inc.